

Converting Colors

Hex(266A73)

Have a look what the booklet for
Hex(266A73) contains.

Hex(266A73)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(266A73)

Conversions

Conversions Part 1

Format	Color
Hex	266A73
RGB	38, 106, 115
RGB Percent	15%, 42%, 45%
CMY	0.8510, 0.5843, 0.5490
CMYK	0.67, 0.08, 0.00, 0.55
HSL	187°, 50%, 30%
HSV	187°, 67%, 45%
XYZ	9.0479, 11.9579, 18.0509
YIQ	86.6940, -43.4170, -11.6170

Conversions

Conversions Part 2

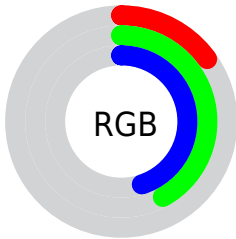
Format	Color
RYB	38, 74, 115
Decimal	2517619
CIELab	41.15, -18.03, -11.34
CIELCh	41, 21.300, 212.155
Yxy	11.9579, 0.2317, 0.3062
Android (android.graphics.Color)	4280707699 (0xFF266A73)
YUV	86.6940, 13.9549, -42.7046
Hunter-Lab	34.5803, -13.8112, -6.7432

Details

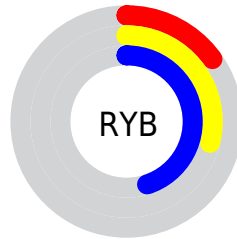
The Hex color **266A73** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **732F26**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **5D9EA7**, and **003A43** is the 20% darker color. If you saturate the color by 10%, you get **1B6973**, and if you desaturate by 10%, it is **316B73**.

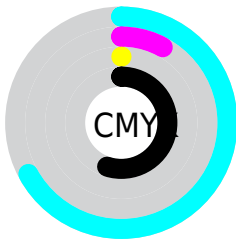
Distribution



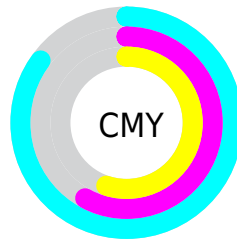
- Red (15%)
- Green (42%)
- Blue (45%)



- Red (15%)
- Yellow (29%)
- Blue (45%)



- Cyan (67%)
- Magenta (8%)
- Yellow (0%)
- Black (55%)



- Cyan (85%)
- Magenta (58%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 266A73 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 266A73 by changing the saturation by 10% instead.

■ 266A73

■ 266A73

FFFFFF

■ 00525A

■ 5D9EA7

■ 003A43

■ 78B9C2

■ 00242D

■ 94D4DE

■ 000919

■ AFF1FB

■ 000000

■ CCFFFF

■ E9FFFF

■ 266A73

■ 266A73

■ 1B6973

■ 316B73

0F6773

3D6D73

036673

496E73

006673

546F73

607173

6B7273

777373

827573

8E7673

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



316B62



266A73



32677F

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



266A73



785672



6C603E

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



266A73



732F26

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



7B5A43



266A73



835460

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



266A73



655C7F



83554F



596643

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



266A73



436483



83554F



715E3F

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



266A73



789396



26732F



3A4A4D



CCCCCC



4D4D4D

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



266A73



1E8896



264473



353A3B



006C7A



00DDFA

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



73266A



961E88



735526



3B353A



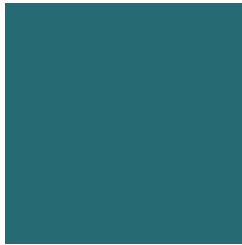
7A006C



FA00DD

Previews

White Background



This preview shows how the Hex color 266A73 looks on a white background.

Color Contrast Check

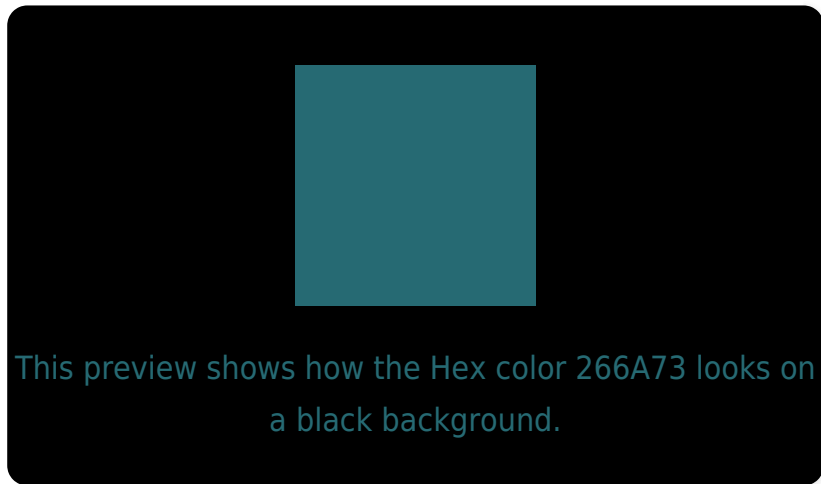
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

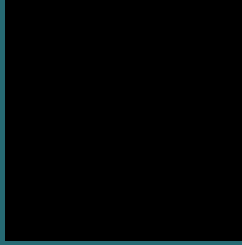
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 266A73 Background



This preview shows how black text looks on a background with the Hex color 266A73.

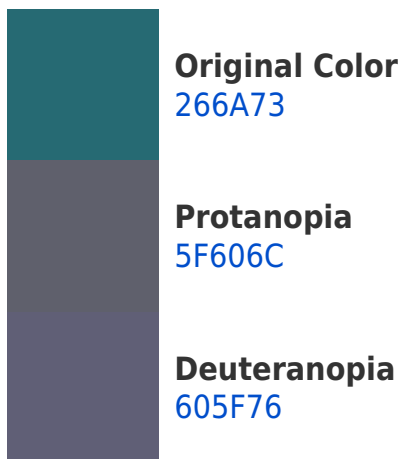



This preview shows how white text looks on a background with the Hex color 266A73.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

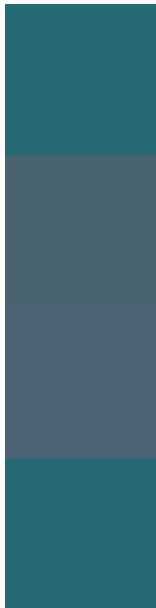
Dichromacy





Tritanopia
266A73

Trichromacy



Original Color
266A73

Protanomaly
4A646F

Deuteranomaly
4B6375

Tritanomaly
266A73

Monochromacy



Original Color
266A73

Achromatopsia
575757

Achromatomaly
455E61

CSS Examples

Text

The CSS property to change the color of the text to Hex 266A73 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #266A73 looks like.

```
.text, #text, p{  
  color:#266A73  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #266A73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #266A73
}
```

Border

The CSS property to change the border of an element to Hex 266A73 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#266A73 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#266A73 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #266A73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #266A73; -webkit-box-shadow:4px 4px  
4px 4px #266A73; box-shadow:4px 4px 4px  
4px #266A73 }
```

Background

The CSS property to change the background color of an element to Hex 266A73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#266A73 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#266A73 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor